



Y-12ER ANDERSON HALCOMB, right, meets world-famous Dr. Jonas Salk, center, at a recent gathering of the Salk Institute Building Fund in Atlanta. The National Foundation is building a research center near La Jolla, Calif. Luther Agee, Atomic Energy Commission, is at left.

Material Control's Halcomb Heads Anderson County Drive For Salk Institute Building

Research Center, Sponsored By National Foundation; Groundbreaking in February

In the spring of 1955 "Thank you, Dr. Salk" was scribbled all over school posters and blackboards across America. What these childish notes said was also echoed in the hearts of millions of parents. The world had first learned that a vaccine prevented

crippling by polio.

Dr. Jonas Salk did his best to tell the public that not he alone, but many scientists, had created the vaccine. To the Smiths and Joneses it seemed less important to know how science had made them safe than the fact that they were safe.

The National Foundation through the March of Dimes is now sponsoring the Salk Institute Building Fund. Ground was broken in February of this year for the construction of the Institute's Biological Studies. The site consists of 27 acres overlooking the Pacific Ocean on Torrey Pines Mesa in the La Jolla section of San Diego. The land, valued at \$1,000,000, was itself a gift.

The Salk Institute will require an initial investment of \$15,000,000 for construction and equipment. In this manner, all Americans will be able to join the march of medical discovery.

It is Dr. Salk's plan to bring some of the most eminent of these scientists together, to work in an atmosphere which will stimulate and inspire and encourage them toward the achievement of their maximum effectiveness.

Heading the Salk Institute Building Fund for Anderson County is Y-12's Anderson Halcomb, Material Control. Earlier this year, Halcomb attended a regional meet in Atlanta and met Dr. Salk personally.

THE HEAT'S ON

An automobile runs on the violent heat of combustion — yet the slow rusting of iron in air is also a form of combustion. The life-giving sun is a monstrous inferno reaching temperatures of approximately 15,000,000°C. Only 100 years ago, man thought heat was a weightless fluid in the body!

'What's In A Name?' Y-12 Rolls Have Clue

Smith Is Most Used Name By Employees

There is only one Priest in Y-12, four Bishops, only one Churchman and one Temple! Directionwise there are three Easts, 15 Wests, and only one North . . . absolutely no Souths! There are two Cowards, no heroes? One Tweed and one Cotton! Eight Roses and only one Thorne!

Shakespeare said it best: "What's in a name? That which we call a rose By any other name would smell as sweet."

To nobody's surprise, the most popular name in Y-12 is Smith, with 74 answering to that name on the rolls. Next in line is the Anglo-Saxon name of Johnson, to wit, Son of John, with 49 by that name here. There are 45 Williamses, and only 31 Joneses. Leading the alphabet of employees is Johnny L. Adkisson, Sunflower Shop; finishing it up is Ernest L. Zurcher, superintendent of Special Projects. Between these two names are some interesting facts concerning surnames of fellow Y-12ers.

Flora-Fauna

For instance, there are five Byrds, six Parrots, 19 Martins, six Crows, one Beaver, two Steeds, three Robbins, eight Foxes, and two Seals working here. There are three Loves and three Valentines, which make for a nice balance. One Crye is heard here, but four Barkers also sing up.

Four Akers work in Y-12, four Fields, but absolutely no land! There is one Bacon, one Hamm, and no eggs. There are two Summers, only one Winter and one Snow, which should make everybody happy. Four Mondays and only three Days!

Colors represented in the plant have 33 Browns, three Blacks, 14 Whites, nine Greens, two Grays, and one Clear.

Politics-Professions

There is only one Eisenhower in Y-12, but two John Kennedys. In the professional field, there are 20 Cooks, 33 Millers, five Farmers, five Masons, 10 Butlers, three Brewers, 17 Bakers, 10 Butlers, 10 Hatmakers, five Money-makers (now there's a likely profession!), four Porters, five Parsons, and only one Barber.

Only one Queen matches the 13 Kings and four Dukes here. There are two Hoods and three bouncing Balls. One Hair stands in Y-12 for three Combs! Four Cases with no measles. One Bird-whitsell is heard for the three Meadows working here.

Plenty of Justice

Don't ever say there's no Justice in Y-12 . . . eight answer to

Continued on Page 4



FALL CREEK FALLS, just about 100 miles from Oak Ridge, is the highest waterfall in the East. Its waters plunge 256 feet into the natural gorge. The State Park is an ideal place for camping or just picnicking on its virgin timber tracts.

Vacation At Home!

Fall Creek Falls Offers Unspoiled Wilderness Ideal For Camping, Hiking, Swimming And Fun

Y-12ers may be interested in vacationing "at home." With a week's vacation, a long week-end, or what have you, who wants to spend half the time going somewhere and coming back?

There are 20 State Parks in Tennessee. They are so located that none is more than a three-hour drive from anywhere in the state. But Tennessee doesn't have a beach, is the most common heard complaint. Within the state's borders are shorelines which total more than the combined shoreline of the continental United States. Three great rivers have courses within the state: The Tennessee, the Cumberland, and the Mississippi. With the Tennessee Valley Authority on the Tennessee, the U. S. Army Engineers on the Cumberland, there is actually more "swimming" water in Tennessee than any state in the Union!

More than a quarter of a million acres of historic and incredibly beautiful acres have been set aside as State Parks. The parks embrace some of the most picturesque and varied landscape in the country.

About 100 miles from Oak Ridge, for instance, is the highest waterfall in the eastern part of the country . . . Fall Creek Falls. To get to this scenic park the motorist should go to Crossville, then take State Highway 28 to Pikeville, then veer west on State Highway 30.

Unspoiled Wilderness

The 15,777 acres comprising Fall Creek Falls offers majestic grandeur, cascades, deep chasms and gorges, virgin timber, and ancient Indian artifices. The complete rugged fastness of the area

makes this park more than unusual. The falls drop 256 feet into the natural gorge.

Although there are no cabins at Fall Creek there are ample camping sites and picnic areas. Swimming in the natural mountain stream is a summer treat. Group camps, picnicking, and hiking are the major activities at the park, with just sight-seeing high on the list.

For rugged outdoorsmen there's no place like Fall Creek Falls, according to Y-12ers who have been there camping. Then, too, it is near enough for an all-day picnic.

Cumberland Backdrops

In this beautiful area that time has forgotten, nature-lovers have the rugged Cumberland as a panoramic backdrop to the lacy falls as they plunge deep into the gorge. A "baby" falls takes the plunge also, fairly close to the main falls.

The State Parks Commission states that Fall Creek Falls is an ideal site for group picnics.

Exposed strata of rock also make the area an ideal spot for amateur geologists.

Bring Camera

If you come to Fall Creek, be sure to bring a camera, advises the Commission. Also bring along the fishing gear. Trout and bass abound in the stream.

While Big Ridge and Cumberland State Parks offer more facilities for vacationers than does Fall Creek, they do not surpass it for beauty. The other two state parks will be described in later issues of the Bulletin, as well as other vacation spots within comfortable driving distances from Oak Ridge.

Inspection Promotes 2, Effective May 1

Brown And Shelton
New Craft Foremen



J. D. Shelton C. Brown

The Production Inspection Department, in the Technical Division, announced two promotions, effective May 1.

Promoted to Craft Foreman is Clarence Brown, a native of Camden, S. C., and a 14-year Y-12 veteran (he came here September 28, 1948). A former inspector in Production Inspection, Brown lives with his family at 109 California Ave., Oak Ridge.

James D. Shelton, formerly of the Product Quality Acceptance group, has also been elevated to a Craft Foreman. A native of Blountsville, Ala., he lives with his family at Route 17, Knoxville. He came to Y-12 August 19, 1957. He attended Memphis State University, Memphis, Tenn.

DOES THE GOOSE SQUAWK?

The Finance Minister of France under Louis XIV defined taxes as "The art of plucking the goose to produce the largest amount of feathers with the least possible squawking!"

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
53 Days Or
1,772,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through May 13
Phone 7755
For Daily Report
On Accident-Free Hours

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
Division of



UNION CARBIDE CORPORATION

JAMES A. YOUNG Editor

OFFICE

Post Office Box Y
Oak Ridge, Tenn.

Bldg. 9704-2 Room 149
Telephone 7109

Check Social Security Prior To Retirement

Knoxville Office Located On Clinch

Y-12ers nearing retirement can save time and speed up the payment of their first social security checks by getting in touch with the social security office prior to retirement.

An application for retirement payments can be filed as much as three months before a person actually retires. Individuals who plan to do supplemental work past normal retirement age should also get in touch with the office to find out whether a recent change in the law will permit them to collect some payments in addition to their earnings.

To insure prompt payment of the first check, persons who call at the office should bring their social security cards, proof of age, and evidence of that year's earnings (withholding statement, Form W-2). Even if all of these papers are not readily available, no one should delay filing an application for benefits. The local social security office will suggest other evidence that may be used.

The regional office of the Health, Education and Welfare's Social Security Administration is located at 1318 Clinch Avenue, Knoxville.

Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12ers who will observe 15 and 10-year anniversaries with Carbide within the next few days.

15 YEARS

Robert S. Morris, Civil and Architectural Engineering, May 19.

Oliver L. Keene, Dispatching, May 19.

Richard Butler, Product Processing, May 20.

William L. Allen, Research Services, May 21.

Glenn I. Davis, Fire Department, May 22.

Elmer A. Donahue, Dispatching, May 22.

10 YEARS

Clifford A. Moore, Special Mechanical Production, May 18.

Estel E. Robertson, Utilities, May 19.

Liz Campbell, Guard Department, May 19.

Archie Q. Gervin, Process Maintenance, May 19.

Wilma J. Williamson, Superintendents, May 20.

Otis M. Vermillion, Metallurgical Development, May 20.

Aubrey R. Smith, Alloy Shop, May 20.

Joe A. Wallace, Process Maintenance, May 21.

Albert A. Armour, Mechanical Maintenance, May 21.

DE MILLE'S BITE

William De Mille, in writing of his brother Cecil, the movie producer, said "One thing I have always admired about him is his ability to bite off more than he can chew—and then chew it."



Beginning last week was a series of articles concerning Y-12 in the Oak Ridger. The very excellent stories were compiled and written by Craig Owen, from the Ridger staff. Most Y-12ers, of course, have already read them with pride. Those employees who have not should come to the fair city and buy the six papers.

Miss Owen, it is believed, has managed to split the widest infinitive in literary history when she talks about one of the early purposes of the Y-12 plant. It was "to electromagnetically separate the rare and precious isotope of uranium."

Let's split a few infinitives ourselves to quickly see what Y-12ers are doing, first with

FINANCE AND MATERIALS

Betty Walker, Plant Records, vacationed last week at home in the Solway Community.

Get well wishes are sent to Sam Cook, Microreproduction and Engineering Services, who is ill in Oak Ridge Hospital. . . . T. J. Stevens and J. B. Sykes spent one day's vacation last week fishing up at Norris Lake. The tales told were probably much larger than any fish caught.

Property folks are congratulating J. L. Hutton who placed in the Poster Contest that Safety sponsors every month.

MAINTENANCE

Electrical has C. E. Conley, W. V. Blankenship, and T. D. Bagwell vacationing just taking things easy around home. . . . In addition to taking it easy at home, J. L. Morgan will spend a few days at Dale Hollow, and D. L. Glover did not make his plans known. . . . Sympathy is extended to W. J. Melton and family in the recent death of his aunt in Greeneville, Tenn. . . . Also to L. G. Spence and family in the death of his cousin. . . . It's happily reported that Madge Whited, wife of Melvin Whited, is home and feeling a wee bit better after her recent stay in the hospital. . . . Another vacationer who failed to reveal plans is C. F. Chandler.



David Bolen



Kenny Bolen

The above boys are the pride and joy at the B. C. Harrington household, Research Services.

The Harringtons recently spent a few days visiting their daughter and grandsons in Alabama. . . .

Other news from Research Services has W. F. Stancell welcomed back after a long illness. . . . Sympathy is extended H. K. Bailey whose mother died suddenly last week in Alabama. . . . Also to George Schaeffer in the recent death of his brother. . . . Condolences also to I. V. Goins in the recent death of his mother-in-law. . . . Emily Howell, a former employee, is the proud mama of a baby boy, born May 7. . . . Get well wishes are sent R. L. Smithers.

Some vacationers include E. F. Brooks, who did some farming in Kentucky while on vacation. . . . B. R. Price did some painting at home. . . . E. W. McGhee did some home remodeling. . . . Max Butler spent his vacation in Panama City and Pensacola, Fla. . . . Sounds like he might have some fishing stories to tell when he gets back. . . . J. T. Calhoun will celebrate his 29th Wedding Anniversary while on vacation. Congratulations! Congratulations also to Alice Boxley, who is beaming all over the place over the arrival of her third grandchild—a boy. She will vacation in Bermuda soon to make his acquaintance.

A modern parent is one who is advised not to talk down to his children and is afraid to speak up to them.

SHIFT SUPERINTENDENTS AND UTILITIES

First off, get well wishes are dispatched to Lib Kilby, recuperating in Baptist Hospital, Knoxville. . . .

Back to work after an illness is J. C. Yarber. . . . J. O. Loy is on the ailing list and best wishes to him.

Vacationers all over the place include K. E. Russell, touring Kentucky and fishing in Center Hill Lake. . . . P. L. Wheeler vacationed in Panama City, Fla.; for the trip he purchased a new car, a new watch, and a new pocket knife. . . . M. G. Crouch decided to work around home. . . . D. C. Bowen had planned to vacation this week taking it easy until he was taken ill. . . . Best wishes to him. . . . H. D. Baker visited relatives in Pensacola, Fla. where they took him deep-sea fishing. . . . E. P. Smith is moving into his new home at Heiskell and hopes to get in some fishing. J. A. McLains' father and mother-in-law are visiting from Anniston, Ala.

Nothing in this world stops progress as much as a broken shoe lace does.

MECHANICAL OPERATIONS

Forming has R. G. McGlothlin vacationing around home, resting up and catching up on household chores. . . . Condolences to I. J. O'Neal on the recent death of his mother, Mrs. Lona O'Neal of Oneida. . . . E. C. Stinnett is also vacationing at home, giving his wife a chance to get some homework out of him.

From the Alpha Five Machine Shop its announced that Mr. and Mrs. James H. Moore are mighty proud these days over the baby boy they adopted April 18. His name is James Phillip, and the Moores live at 109 Dayton Rd., Oak Ridge.

The General Machine Shop is



THE CLINCH VALLEY CAMP FIRE GIRLS receive their all-time high check for \$2,435.39 for candy sales for 1962. Receiving the check is Robert Ellingson, Y-12's Beta Four Assembly and Forming. Presenting Ellingson the check is Newton R. Penland, Research Services. Ellingson is finance chairman for the Clinch Valley Council. Mrs. Kenneth Jones, center, is treasurer of the local Camp Fire Girls group.

sending condolences to L. M. Denman, whose grandmother died last week. . . . J. C. Crossno Sr. decided to vacation in Jackson, Tenn. and St. Louis, Mo.

The golfer has one advantage over the fishermen — he doesn't have to show anything to prove it.

INDUSTRIAL RELATIONS

Get well wishes are sent by Fire and Guardsmen to F. L. Robert's wife, in St. Mary's Hospital. . . . Also to E. Scott's little son who was hit by an automobile last week and is in Oak Ridge Hospital with busted arm and leg. . . . Get well wishes are also speeded to K. G. Edgemon.

The Cafeteria has Vena Mae Summitt vacationing at home this week in Lenoir City.

If life is so glorious behind the Iron Curtain — why is the traffic there always one-way . . . OUT!

ENGINEERING

Vacations in Tool Engineering have Bill Gaylon and Peggy Hardin, vacationing at their homes in Oak Ridge. . . . Elmo Robbins is the latest member of Engineering to join the yacht club; he has a new one. . . . Morris Burkett transferred into Numerical Control last week and immediately began plans for a water skiing party at Russ Hensley's yacht basin at Kingston. . . . R. P. Rose and his family decided to see the hills of West Virginia on their vacation.

Marriage is sorter like travel . . . getting there isn't nearly as much fun as going there!

TECHNICAL

Enjoying the World's Fair from Radiation Safety in Seattle recently were J. D. McLendon and W. T. Mee. . . . Get well wishes are speedily sent to H. O. Runge. . . . Adieus were bade to Alice Dixon last week, who is terminating to get married. . . . Loretta Johnson is welcomed into Radiation Safety. . . . Get well wishes are ex-



Get well wishes are sent the following Y-12ers who were patients last week in the Oak Ridge Hospital:

Paul B. Petretzky, Chemical; D. Clyde Bowen, Steam Plant; Arthur H. Ogden, Buildings and Grounds; Charles W. Goodin, Sunflower Shop; Emory E. Burns, General Machine Shop; John K. Jenkins, Property Sales; Sam P. Cook, Microreproduction and Engineering Services; John S. Robinson, Process Maintenance; Junior L. McGinnis, Product Quality Acceptance; and John F. Chamblee, Alpha Four Cascade Operations.

ORGDP Spring Dance Is Set Saturday, May 26

With the Y-12 Spring Dance history now, employees here are invited to attend the Oak Ridge Gaseous Diffusion Plant's dance, Saturday, May 26, at the Oak Terrace ballroom.

Y-12's sister plant, ORGDP, is bringing the Sorta Party orchestra, a combo from Atlanta, which is comprised of businessmen over 40 who have made music-making a hobby. Dancing begins at 9 and continues until 1.

Tickets are \$2 for this dance, and may be obtained at the door. Advance table reservations may be made, however, by calling Gladys Bayless, at extension 8041, or Oak Ridge 482-2466.

(Pictures of Y-12's dance will appear in next week's Bulletin.)

tended to S. F. Sadler, who is still on the ailing list.

Everybody's a self-made man, but only the successful ones will ever admit it. Let's admit weariness and go home!



SPUD ATCHLEY HOLDS UP the mighty 52-pound cobia he caught recently off Gulf Shores. This is the fifth time the crowd has been down to the Gulf fishing area. Spud says he struggled with this one for about 40 minutes, and that fish come to life again just about the time they're ready to be pulled in. O. F. Jordan, Utilities, and W. G. Hatfield, Guard Department, both went along with the crowd. Atchley is also in the Guard Department.

Horseshoers Set 1st Meet To Organize

Plans for an organizational meet for the Horseshoe League for the three Carbide plants have been announced. The meeting is called for tomorrow, Thursday, May 17, at 7:30 at the Jackson Square Horseshoe Courts, located on Tennessee Avenue in Oak Ridge.

Persons interested in participating in the league should contact the Recreation Department,

telephone 7109. Horseshoes will be provided by the Recreation Department. Players may use their own if they desire.

Teams will be scheduled to play two out of three matches. Three double matches will be held and six single matches. Single competition will be decided by each team.

Game procedures will be governed by the Official National Rules. Trophies will be awarded to the League winner and runner-up.

Play will begin in the league Thursday, May 24, and will be scheduled each Thursday night after that at 7:15 and 8 p.m. Recreation is also taking names of alternates who wish to substitute sometime to prevent forfeits.

6-10991



PAUSING BETWEEN DANCES at Deane Hill are, clockwise, Dan and Elizabeth Hawxhurst, Joyce and Charlie Gillihan, Elizabeth Johnson, Pat Reavis, Nola Cherry, Sally Cornell, Clarence Johnson and Harold Cornell. Building 9706-1A group, which includes Tabulation Services, Statistical Services, and SS Control, staged their party Saturday, May 5, at Deane Hill Country Club, Knoxville.

6-10988



THE GANG DOWN IN 9706-1A when they want to can give some pretty, pretty parties, especially when their pretty girls show. Above are some scenes typical of the Saturday, May 5, party held at Deane Hill Country Club, Knoxville. The dinner, dancing, game get-together brought all the bib-and-tuck of the best out as is seen. In the first

Fishing Outlook Good -- Let's Go!

Norris, Loudoun Waters Are Clear

Fishing reports from East Tennessee Lakes vary in prospects for angling. According to the State Game and Fish Commission this situation is thus:

Watauga Lake — Clear and falling. Very good for crappie. Fair for largemouth bass, smallmouth bass and trout. Tailwater good for rainbow trout.

Douglas Lake — Clear and falling. Some top water activity for largemouth, fair for stripes, crappie and sauger. Tailwater fair for crappie, sauger, stripes and catfish.

Watts Bar — Clear and fluctuating. Very good for crappie. Good for largemouth, bluegill and catfish. Tailwater fair for sauger.

Chicamauga — Clear and fluctuating. Good for crappie and bluegill. Fair for largemouth and catfish.

Chilhowee — Clear and stable. Good for smallmouth. Fair for trout, largemouth and crappie.

Ft. Loudoun — Clear and stable. Fair to good for largemouth, smallmouth and bluegill. Fair for crappie and catfish. Tailwater fair for stripes, sauger, catfish and crappie. Lower Little Tennessee fair trolling for sauger and walleye.

Norris — Clear and falling. Good for bass, stripes, crappie, rainbow and bluegill. Walleye best in upper part. Tailwater good for trout during water shut-down.

Hales Bar — Clear and full. Good for crappie and fair for largemouth and bluegill. Tailwater fair for stripes and drum.

Cherokee — Clear and stable. Very good for big largemouth and good for big crappie. Good for stripes and bluegill and fair for smallmouth. Tailwater fair for stripes when discharging.

Tennis Players Are Paged For Leagues For Summer Play

The Recreation Office has put out a call for all men and women interested in participating in tennis leagues this summer. Singles and doubles both will be played if sufficient interest is shown.

The Recreation Office's telephone number is 7109. Calls will be taken until Thursday, May 31. After that deadline, no registration for league play will be taken.

Play in the tennis leagues is set to get underway June 3 at the Oak Ridge Tennis courts.

6-10987



picture at left, with husbands standing in back of wives (naturally) are Pat and Liz Reavis, John and Kathy Childress, John and Doris Lay, Charlie and Joyce Gillihan, and Don and Dot Woullard. In the center are participants in part of the game that took up the pre-dancing time. At the right are seen more husbands and wives, namely C. H.



HAPPY WINNERS AT THE FISHING RODEO held Saturday, May 5, by the combined E, F, G, H, and J Shifts, are shown in the above two pictures. The largest largemouth was captured by E. J. Vickery, while Ernie Bentley took the largest smallmouth. Crappie prizes were taken by T. H. Coulter and L. L. Ellis. The biggest sauger fell to Gene McWilliams, and the biggest bream went to Harold Bright. J. D. Collins came in with largest striped bass and Harry Beason won a prize for his big cat. Door prizes went to Harold Bright, S. R. Anderson, N. B. Beason, W. L. Scruggs, M. H. Lee, E. L. Bentley, C. E. Dugger, Bruce Reed, and J. D. Collins. A total of 57 anglers registered for the Blue Springs affair.

C Shift Rodeo Is Big Success

The C Shift fishing rodeo held last week at the Anderson County Park Dock on Norris Lake was one of the most successful rodeos held. A total of 57 fishermen registered for the event.

Many large strings of fine fish were hauled in and a fine time was reported by all. Prize winners were: Walleye — H. L. Miller who took some waders; Largemouth bass — H. K. Hughes, Coleman lantern; Smallmouth bass — F. J. Blair, spinning rod; Crappie — R. E. Reynolds, Coleman stove, and J. R. Davis, torch kit; Stripe — H. C. Nichols, Coleman oven; Catfish — R. T. Lovell, net and minnow bucket. Door prizes were taken by D. R. Kessel, who won a tackle box; and

J. P. Grubb who took a spinning rod.

Blair's three pound, 15 ounce smallmouth was the largest catch of the day with Lovell's catfish close behind. It weighed three pounds, six ounces.

The Tuesday, May 8 rodeo was held in bright May sunshine which pleased the Isaac Waltons almost as much as the fine catches did.

Maryville Tournament Gets Tee Time Tomorrow

Golfers wishing to take part in the Y-12 Golf Tournament to be staged at the Green Meadow Country Club, Maryville, Saturday, May 26, are reminded to register for tee-offs tomorrow. Times will be assigned in the Recreation Office, Thursday, May 17, at 7:30 a.m. Only one man for each foursome is required to draw tee-off times.

6-10989



"Davy" and Janice Crockett, Gene and Libby Price, George and Mary Lou Bailey, and Don and Dot Woullard. Nobody minded Dot getting into two pictures. Anybody as pretty as she is can pose anytime she wants! Approximately 70 9706-1A residents attended the bright spring shin-dig to gossip and enjoy a fine meal.

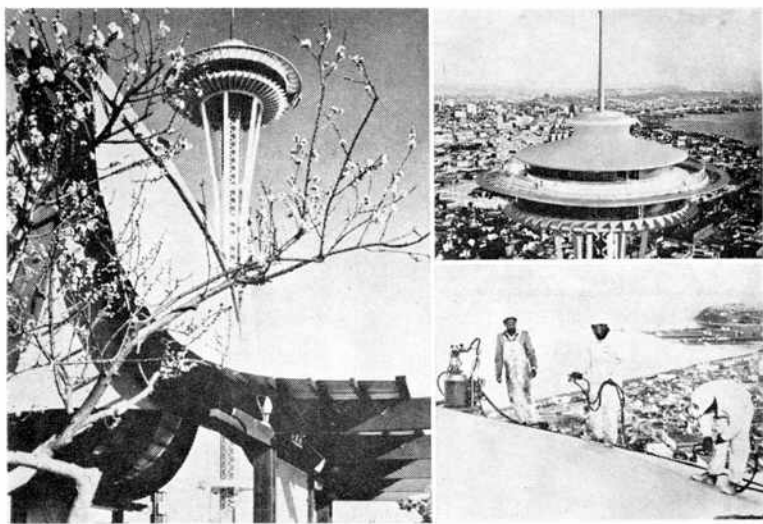
BULK RATE
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71

UNION CARBIDE NUCLEAR COMPANY

Division of
Union Carbide Corporation
Post Office Box Y
Oak Ridge, Tenn.

RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED,
RETURN TO SENDER IMMEDIATELY.



SEATTLE'S SPECTACULAR SPACE NEEDLE towers over Puget Sound, symbolizing the World's Fair. The dome is covered with Vinyl Resin, a coating developed from Carbide resins. The needle houses a revolving restaurant and observation tower that will accommodate about 250 persons. It takes one hour for the dome to make a 360 degree turn.

Carbide's Resin Provides Base For Vinyl Covering For Space Needle In Seattle

Revolving Restaurant, Observation Tower Not For Seattle Residents During Big Fair

The dome of the 600-foot Space Needle, symbolic structure of the Seattle World's Fair, is protected by a 30-mil coating of tough, flexible vinyl plastic. Hot-sprayed on the concrete surface of the dome, the water-proof coating, colored "Galaxy Gold," will provide longlasting beauty with minimum maintenance.

The vinyl coating was chosen because of its ability to withstand the difficult weathering problems of the Puget Sound area. Another consideration was its ease of application, an important factor in maintaining the Fair's tight construction schedule.

Called Vinyl Resin, the coating is a highly elastic formulation developed by the Coloron Division of Kish Industries. It is designed for use on substrates where expansion and contraction is a problem. By hot spray application, a single coat can be built up as thick as 60 mils.

Vinyl Use Increases

Union Carbide Plastics Company, supplier of the resins used in the Coloron's Vinyl Resin coating, emphasizes that vinyl coatings are finding increased acceptance by architects and builders as superior materials for the protection of exterior surfaces. Vinyl is an important coating material because it combines flexibility with high resistance to moisture and atmospheric corrosion.

The only surface preparation required for the Space Needle was a thorough cleaning with high pressure air. The heated pump used with the Vinyl Resin spray equipment delivered three gallons per minute of materials at a temperature of 160° to 180° F. This type coating cures in about eight hours.

Needle To Remain

The Space Needle will be kept by Seattle residents with the hopes that it will become to them what the Eiffel Tower has become to Paris. The Needle is topped with a restaurant and observation deck which rotates once an hour, offering a panoramic view of the area. The restaurant seats 250 persons.

Visitors will be transported to

the top of the Space Needle in two high-speed elevators, moving at 800 feet a minute carrying 29 passengers each. Walkers may use the 832-step staircase if they feel like climbing.

The \$3,000,000 Space Needle is supported by three pairs of steel legs anchored in 11 and one-half million pounds of steel reinforced concrete.

Vinyl Inside And Out

The vinyl covering is also used to waterproof all joints around the dome so that no moisture can enter the observation deck and restaurant which lie below the dome. The maintenance-free surface also covers the exterior and interior of the walls of the observation deck.

Residents of Seattle are being asked not to use the Needle until the Fair is gone. Tourist-eager World's Fair people fear that visitors may have to wait to get in if local citizens use the restaurant now.

UN Study Group Will Discuss Rusk Address

The Oak Ridge study group of the Association for the United States is discussing Dean Rusk's speech Monday night, May 21, at the Oak Ridge Institute of Nuclear Studies conference room. The discussion will begin at 8 p.m. and is open to the public.

The Secretary of State is addressing the Annual Political Symposium at the University of Tennessee, tomorrow, May 17. His address starts at 8:15 p.m. The UN group is providing free transportation to Knoxville for Oak Ridge residents wishing to attend the address. Rides may be found by calling Barbara Burns, Oak Ridge telephone 483-1084.

Adult Education Sets Summer Courses, Date

Many High School Credits Available

The Adult Education Program at Oak Ridge High School announces plans for its summer quarter. Registration will begin June 4 and extend through June 8, in night courses. Day registration will continue through June 12.

The eight-week summer quarter includes high school subjects of English, History, Mathematics and Typing. These are accredited high school courses and may be applied toward a diploma.

Business subjects offered are Business Arithmetic, Business Law, Consumer Economics, Filing and Indexing, Shorthand, Office Machines, Personality and Human Relations, Secretarial Functions and Typing. General subjects include Blueprint Reading, Driver Training, English for Foreign Born, Machine Shop, Rapid Reading, Sewing, Shop Mathematics, and Spanish. Other subjects will be offered upon sufficient requests.

Summer day courses offered high school as well as grammar school subjects. This term opens June 13 and extends through August 4. Evening classes commence June 11 and go through August 3.

Many of these courses may be taken with the aid of the Carbide Educational Assistance plan.



Ride wanted from 210 West Vanderbilt, Oak Ridge, to West Portal, straight day. T. C. Hamm, plant phone 7-8814, home phone Oak Ridge 482-1247.

Riders wanted from Fountain City, Inskip area, to any portal, J. Shift. Fred McNamara, plant phone 7-8088, home phone Knoxville 525-1990.

Will join car pool or take riders from University section, 23rd and Highland, Knoxville, to North Portal, straight day. Jerry Westbrook, plant phone 7768, home phone Knoxville 584-1689.

Ride wanted from 112 Pallas Road, Oak Ridge, to West Portal, straight day. Lucy P. Parker, plant phone 7301, home phone Oak Ridge 482-2619.

Vanderbilt's Holladay To Lead ORNL Seminar

The Oak Ridge National Laboratory Physics Division seminar this week is announced as "Pion-Pion Resonances (Omega and Rho-Mesons) and Their Physical Implications." Leading the discussion will be W. G. Holladay, Vanderbilt University, Nashville.

The seminar is scheduled for 3:15 p.m. Friday, May 18, in the East Auditorium of ORNL's 4500 building and is open to all interested technical personnel.

Oxygen Expensive Item In Steel Manufacturing

The steel industry is spending around \$20,000,000 a year for a commodity man gets free as air—oxygen. That bill will likely increase as the years pass, too. Oxygen used in the steel industry has increased in the last 10 years from 127 cubic feet per ton of steel to 550 cubic feet per ton.

Oxygen injection into open hearths drastically intensifies the refining process of steel and thereby shortens open hearth "heat time," or the time required to refine a batch of steel. This, of course, means increasing production of this vital material.



HAPPY RECIPIENTS OF THEIR poster award prizes are J. L. Hutton, who took the electric fry pan, left, and R. E. Trent, right, who receives his picnic chest from John S. Reece, a superintendent in the Chemical Operations Division. Trent took first prize in the April contest with his award-winning entry on Recreational Safety.

April Poster Winners Named As Y-12ers Take Recreation Race

The Safety Department has announced winners for the April poster contest. Taking first prize was R. E. Trent, Product Processing, and making off with second prize was J. L. Hutton, Property. Trent used the word SAFETY and made a scroll using Swimming, Boating, Golfing, Baseball, Tennis, and Play to spell out his theme.

This winning poster will be used in the July agenda for the plant and Trent's poster will be displayed. He chose the ice chest for first prize and Hutton took the electric frypan.

Safety is now receiving entries in the May contest . . . with "Accident Investigation" as its theme. Prizes offered are a socket wrench set and a beautiful wall clock in a 12-point star, sunburst style.

Rules have been listed numerous times in the Bulletin. All employees in Y-12 are eligible to enter, as well as members of their family. Only previous winners and employees in Safety are ineligible.

Poster ideas should be mailed to the Safety Department, Room 154, Building 9704-2, Zone 2.

May entries should be received in the Safety office before 4:30, Thursday, May 31. Judging in the monthly contest is done on the first day of every month. Many Y-12ers, ORNL employees, and dependents have walked away with handsome prizes in this contest.

See that your "Accident Investigation" poster idea gets in on time for the judging!

What's In A Name?

Continued From Page 1
that name. Only one Ice is around to cool the place.

The plant is not lacking in rank either . . . there is one Major and one Sergeant here. There are two Deans . . . no teachers . . . Two Kitchens and four Walls. The place is wet enough, what with the three Waters, three Rainwaters, and one Rain to keep the place drenched. Then there are two Floods for further wetness.

Three Moons shine, but no stars or sun. For the anatomy class there are two Backs, one Legg, one Finger, 11 Harts, and one Arms. Three Cheeks also grace the plant. There is Coffey but no doughnuts.

Seven Bridges span the plant with absolutely no rivers to cross!

Of course, names are highly important to each individual. The above is offered in jest to show what can be done with handles when they are turned loose. (There are no Looses in Y-12.)

Alabama Grads To Stage Dinner At S & W, May 17

Crimson Tide alumni in Y-12 are reminded of a big meeting the grads from Alabama are staging, Thursday, May 17, at the S & W Cafeteria tomorrow in Knoxville. Dinner will begin at 7:30 p.m. (just go through the line at the cafeteria) and come to the Green Room.

Two films will be shown, one narrated by Mel Allen, himself an Alabama man, "11 O'clock at the University of Alabama," and another film showing highlights of the 1961 Bama season.

Car pools are being formed in Oak Ridge to haul graduates to the meeting. More information may be had by calling Charlie Niemeier, Oak Ridge telephone 483-6702, or Chuck Caldwell, 483-6703.



ALL GRINS is H. V. Tripp, Research Services, as he displays the giant smallmouth he recently pulled from Norris Lake. He says it snapped at a doll fly and that was the end of the fine bass. Norris Lake is particularly recommended by experts these days and the big ones begin their pre-summer run. Noted for its wall-eye and bass, both largemouth and smallmouth, the nearby Lake seems to improve with age for the big 'uns.